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V-FRAME

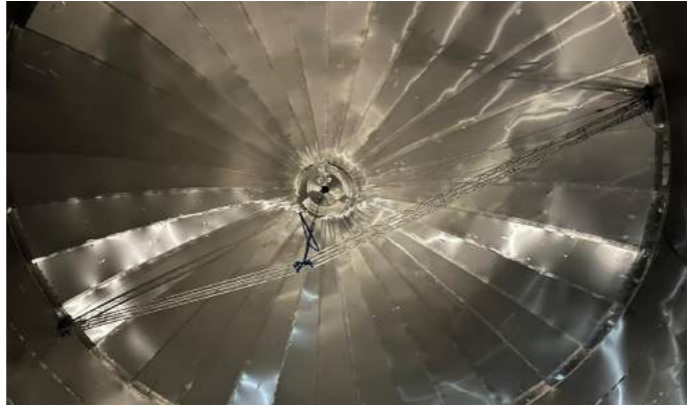


ROPE ACCESS NOORD
VERTICAL SAFETY, ACCESS & RESCUE

A new approach to silo inspections

The V-frame is an innovative method to perform a necessary inspection of silos, tanks and alike without using large amounts of steel scaffolding equipment. In combination with rope access techniques, this method is extremely safe and efficient resulting in time and cost reduction. It can be used in tanks and silos with a diameter of 2 up to 20 meters.

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The V-frame can be adjusted to the specific required diameter so it will fit perfectly. The better it fits, the easier it gets for the inspector, cleaner and/or welder to move around within the tank or silo to perform the work needed.

How does it work?

The V-frame will be transported to the location in parts (fits a medium sized van). These parts will be assembled near the tank and brought inside the tank using rigging from either an inspection door or hatch on the side, the bottom or the top. We require a minimum gap of 10 centimeters on top of the tank using fixed anchor points or our Vortex (tripod). The installation will take approximately two to four hours, depending on the situation. After finishing the installation, we will guide the inspector or technical staff onto the V-frame.

As they perform their work, we will keep a close eye on their safety. When the job is finished we will guide the person safely back outside the tank. The V-frame will be dismantled and the tank is ready for use.

|| We have hired Rope Access Noord on several occasions to help inspect our tanks and get to those hard to reach places and confined spaces in both medium and high-care zones throughout our facilities. ||



To be used in:

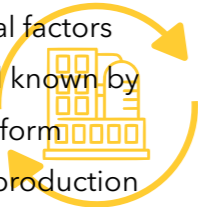
- large swimming pools
- big factory rooms
- under bridges
- food industry
- power plants
- domes
- tanks
- silos



Installation will take only 2 - 4 hours

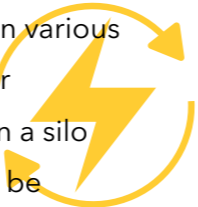
Food & Dairy

Food safety and hygiene are essential factors within the food & dairy industry. Well known by us, as we are frequently asked to perform cleaning and technical work during production stops in medium and high-care environments. With our V-frame we do not only perform cleaning and technical work ourselves, we also provide access to the tank for inspectors and other technical staff.



Energy

In power plants flue gasses are cleaned in various ways. Cleaning with the electrostatic filter generates filter dust. This dust is stored in a silo and processed further. This silo needs to be inspected on cracks and constructional damage. The V-frame is an easy tool to provide the inspector access to the inside of the silo.



Agribusiness

We often come across bulk storage of cattle feed, chemical fertilizer and wet by-products silos in the agricultural sector. These silos require inspection and repairs from time to time. Even for smaller tanks - less than 9 meters in diameter - we have a solution to provide access.



- ▶ For tanks with a diameter of 2 up to 20 meters
- ▶ Minimizing loss of revenue due to a short downtime
- ▶ Versatile use in different working environments
- ▶ Small environmental footprint



JOIN OUR NETWORK



Rope Access Noord
Ulgersmaweg 6
9731 BS Groningen



+31 [0]50 52 90 857



info@ropeaccessnoord.nl



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